

REMARKS

The Examiner is thanked for his through Examination of the case. The undersigned also thanks the Examiner for granting an interview and his helpful remarks during the phone-interview which was conducted on November 1, 2004. per agreement reached during the interview, the Applicant has amended claim 1 to additionally recite the features recited in claims 2-3. The Applicant earnestly believes that the Examiner is likely to find that claim 1 is patentable over the cited art. Accordingly, claim 1 has been amended solely in order to expedite prosecution. However, it should be noted the Applicant reserves the right to pursue claims of the original scope in a continuation.

In addition, claims 1-2 and 10-20 have been canceled in order to further expedite prosecution. As was proposed during the phone-interview, new claims 21-28 have been added. These claims recite similar features as those recited in claim 1, but are believed to be in a form that is more preferred by the Examiner. Accordingly, it is respectfully submitted that all pending claims are in condition for early allowance.

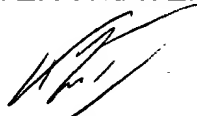
It is noted that U.S. patent No. 6, 205, 578 (*Grove*) describes a method for executing a first interpreter for a first state, and a second interpreter for a second state (*Grove, Abstract*). However, it is respectfully submitted that *Grove* does NOT teach or suggest a macro virtual machine loop instruction for execution by a virtual machine such that the macro virtual machine loop instruction can effectively replace a conventional sequence of Bytecode instructions in a programming loop.

Accordingly, it is submitted that claims are patentably distinct over the cited art of record. Additional limitations recited in the independent claims or the dependent claims are not further discussed because the limitations discussed above are sufficient to distinguish the claimed invention from the cited art. Accordingly, Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner.

Applicants hereby petition for an extension of time which may be required to maintain the pendency of this case, and any required fee for such extension or any further fee required in connection with the filing of this Amendment is to be charged to Deposit Account No. 500388 (Order No. SUN1P840). Should the Examiner believe that

a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP

A handwritten signature in black ink, appearing to read 'Ramin Mahboubian', is written over the printed name.

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